



SEWER JUNCTION INFORMATION*

REF. MH	DIST FROM	SIZE	CLOCK AT
MH40004754	2.80	1500	10
MH40004754	3.40	1500	01
MH40004754	9.20	1500	10
MH40004754	17.60	1500	12
MH40004754	25.00	1500	10
MH40004754	25.70	1500	01
MH40004754	32.80	1500	10
MH40004754	33.00	1500	02
MH40004754	40.90	1500	01
MH40004754	46.80	1500	11
MH40004754	63.70	1500	02
MH40004754	64.40	1500	11
MH40004754	68.00	1500	11
MH40004754	87.10	2000	01
MH40004754	87.70	2000	10
MH40004754	92.00	1500	10
MH40004754	92.60	1500	01

*JUNCTION LOCATION FROM VIDEO INSPECTION

WARNING
 IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT, THE CONTRACTOR MUST:
 1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
 2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.
 SEE PROVINCIAL REGULATION 140/92 FOR DETAILS

METRIC
 WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMALIZED NUMBERS INDICATE METRES

EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PROFILE	NEW
150 WM	WATERMAIN	150 WM	150 WM	WATERMAIN	150 WM	150 WM	WATERMAIN	150 WM
300 LDS	LAND DRAINAGE SEWER	300 LDS	300 LDS	LAND DRAINAGE SEWER	300 LDS	300 LDS	LAND DRAINAGE SEWER	300 LDS
250 WWS	WASTE WATER SEWER	250 WWS	250 WWS	WASTE WATER SEWER	250 WWS	250 WWS	WASTE WATER SEWER	250 WWS
○	MANHOLE	●	○	MANHOLE	●	○	MANHOLE	●
□	CATCH BASIN	■	□	CATCH BASIN	■	□	CATCH BASIN	■
△	CURB INLET	▲	△	CURB INLET	▲	△	CURB INLET	▲
—	PIPE ABANDONMENTS	—	—	PIPE ABANDONMENTS	—	—	PIPE ABANDONMENTS	—
+	SURVEY BAR	+	+	SURVEY BAR	+	+	SURVEY BAR	+
○	HYDRANT	○	○	HYDRANT	○	○	HYDRANT	○
○	VALVE	○	○	VALVE	○	○	VALVE	○
○	ANODE	○	○	ANODE	○	○	ANODE	○
○	HYDRO	○	○	HYDRO	○	○	HYDRO	○
○	MTS	○	○	MTS	○	○	MTS	○
○	GAS	○	○	GAS	○	○	GAS	○
○	TESTHOLE	○	○	TESTHOLE	○	○	TESTHOLE	○
○	CULVERT	○	○	CULVERT	○	○	CULVERT	○
○	TREE	○	○	TREE	○	○	TREE	○

LOCATION APPROVED
 UNDERGROUND STRUCTURES
 SUPR. U/G STRUCTURES DATE COMMITTEE
 NOTE:
 LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

NO.	ISSUED FOR CONSTRUCTION	07/07/20	KMB
0	ISSUED FOR CONSTRUCTION	07/07/20	KMB
NO.	REVISIONS	YY/MM/DD	BY

DESIGNED BY	MJR	CHECKED BY	A. Delouis
DRAWN BY	KMB	APPROVED BY	<i>[Signature]</i>
HOR. SCALE	1:250	RELEASED FOR CONSTRUCTION	<i>[Signature]</i>
VERT. SCALE	1:50	DATE	07/07/21

UMA AECOM
 Certificate of Authorization
 UMA Engineering Ltd. (MB)
 No. 256 Date: 07/07/21

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT
 2007 COMBINED SEWER RENEWALS
 BY CIPP LINING
 CONTRACT 20
 HARBISON AVENUE WEST
 1ST MH W OF HENDERSON HIGHWAY
 TO MH AT HENDERSON HIGHWAY

PROFESSIONAL'S SEAL
 PROVINCE OF MANITOBA
 21 July 2007
 C. C. MACEY
 REGISTERED ENGINEER
 CONSULTANT DRAWING NO. 07
 D265-217-01

SHEET 7 OF 11
 CITY DRAWING NUMBER
 06099
 REV 0

BID OPPORTUNITY NO. 545-2007